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DIALOG(R) File 351:Derwent WPI

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010004663 \*\*Image available\*\*

WPI Acc No: 1994-272374/\*199434\*

Shoe with flexible upper and back heel cap - has fastening in housing,  
cable disc, operating grip, and guides

Patent Assignee: PDS VERSCHLUSSTECHNIK AG (PDSV-N)

Inventor: HAMMER J; SCHOCH R; TRESS W

Number of Countries: 009 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4305671	A1	19940901	DE 4305671	A	19930224	199434 B
EP 614625	A1	19940914	EP 94100744	A	19940119	199435
CA 2114387	A	19940825	CA 2114387	A	19940127	199440

Priority Applications (No Type Date): DE 4305671 A 19930224

Cited Patents: DE 3932023; DE 8912788; DE 9016325; EP 247487

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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DE 4305671	A1		8	A43C-011/16	
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EP 614625	A1 G	10		A43C-011/00	
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Designated States (Regional): AT CH DE ES FR GB IT LI

CA 2114387	A			A43B-005/00	
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Abstract (Basic): DE 4305671 A

The heel-cap (4) centre back part (4a) has an upward extension part (13) holding the fastening (5) and incorporating a hole (14) holding the fastening housing (6) in the middle and pointing towards the lengthwise centre axis. The heel cap including extension part is made of relatively strong, yet springy especially plastics.

A loop (9b) formed by the bracing wire (9) extends from the fastening held by the heel cap, round the foot and over a laced part in the instep part. The wire runs in guides (17) in the extension part sides diametrically opposite the fastening holder-hole. The material (15) forming the shoe upper covers the heel cap at least.

USE/ADVANTAGE - The shoe has a relatively simply produced fastening, and gives good support for the foot.

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Derwent Class: P22

International Patent Class (Main): A43B-005/00; A43C-011/16